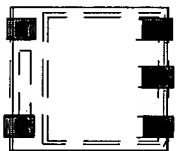
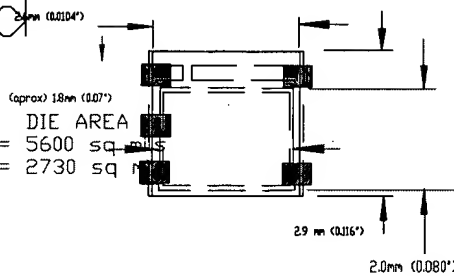
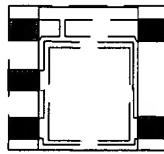


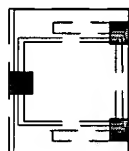
Other Package Options for "J" lead
 SC70-3 lead
 SC70-5 lead
 SSOT-23 3 lead
 SSOT-23 5 lead
 SSOT-23 6 lead
 TSOP 5 lead



DIE AREA

TSOP-5J = 7000 sq mils

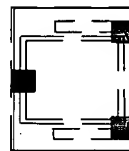
Std TSOP-5 = 2730 sq mils



DIE AREA

SSOT-32J = 3060 sq mils

Std SSOT-23 = 2040 sq mils



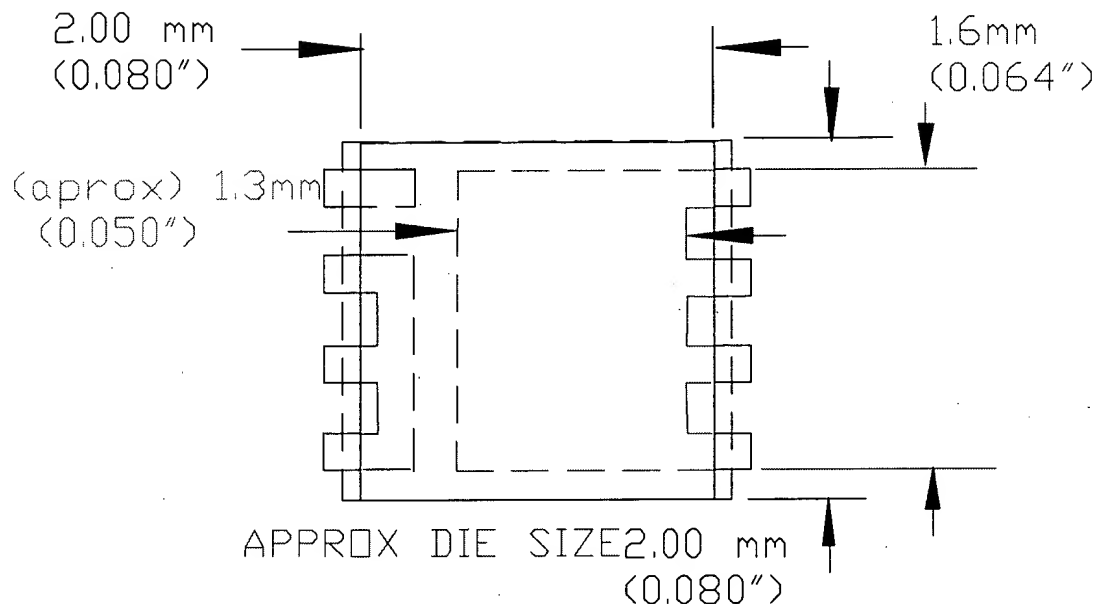
DIE AREA

SC70J = 1125 sq mils

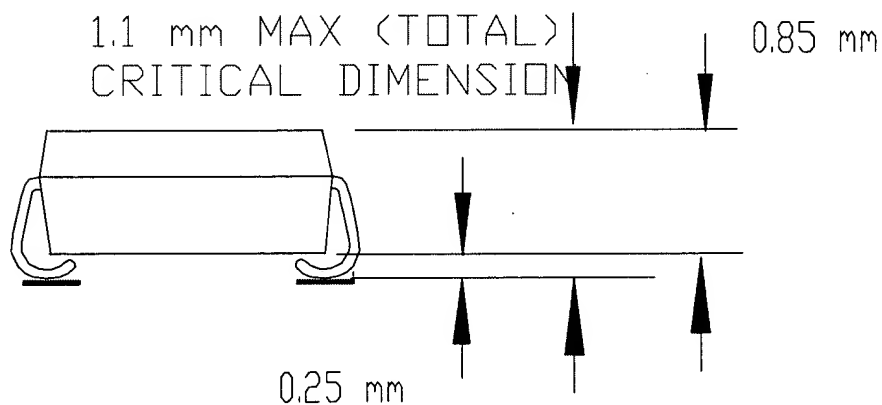
Std SC70 = 500 sq mils

SC70-8J

SC70 BODY SIZE - 8 PIN "J" LEAD
(JEDEC MO-223 "BA" variation)

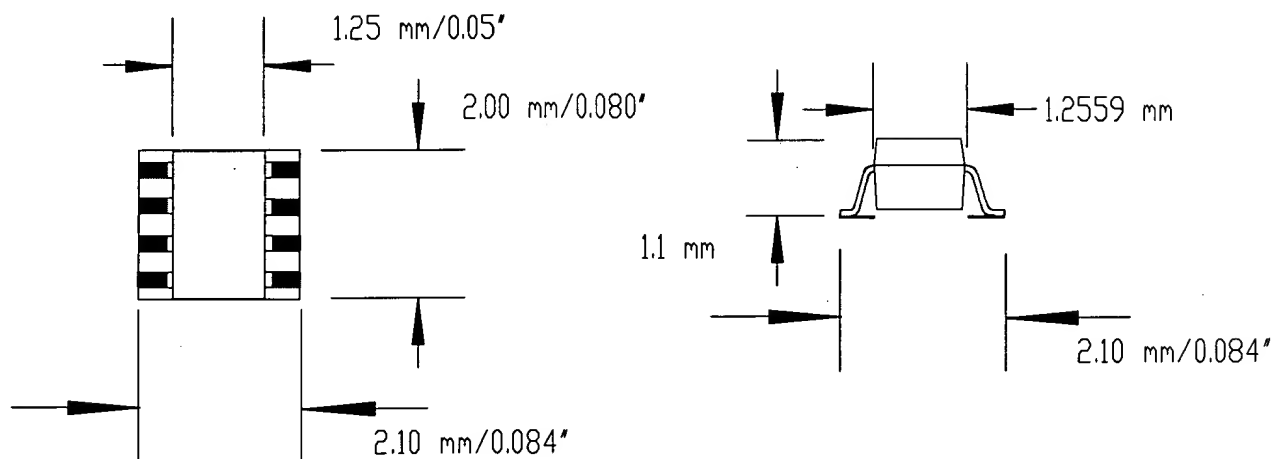


SC70-8J = 2760 sq mils
(Std SC-70 = <500 sq mils)
(TSOP-6 = 2730 sq mils)

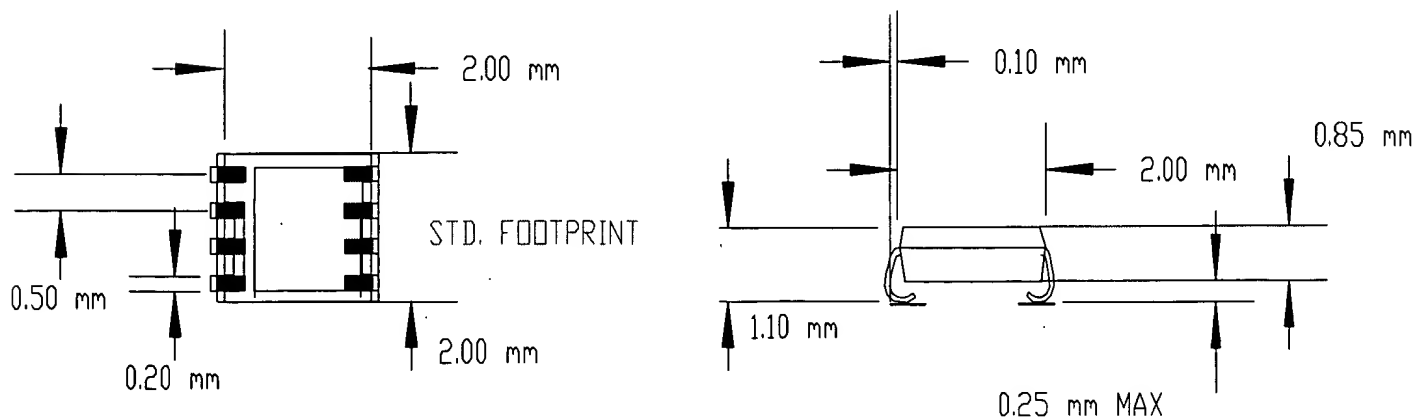


SC70-8J

JEDEC MO-223 "BA" variation
SC70 BODY SIZE - 8 PIN "J" LEAD



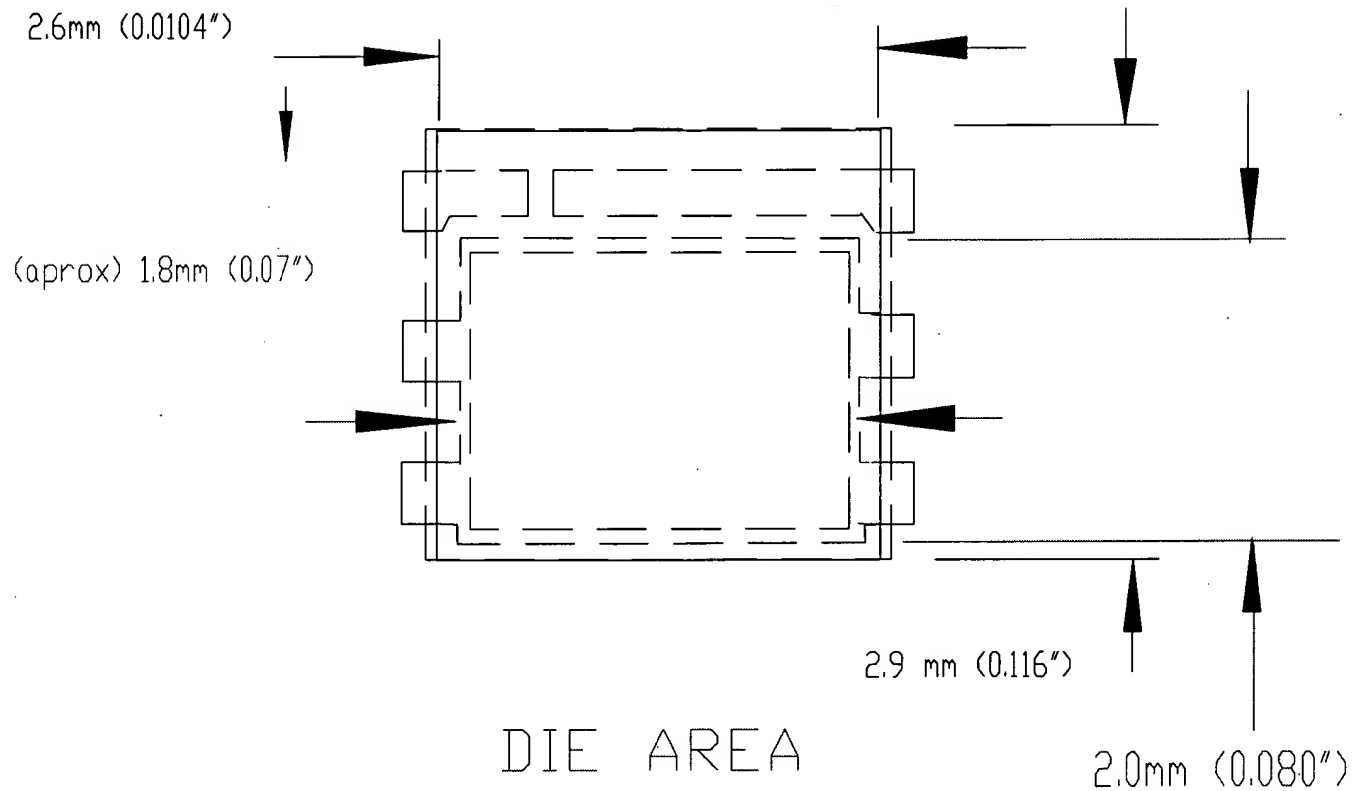
GEM SC70-8 WIDE BODY



TSOP-6J

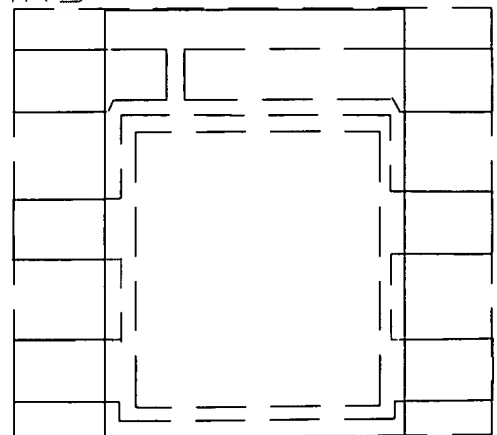
Exhibit A
Page 5 of 6

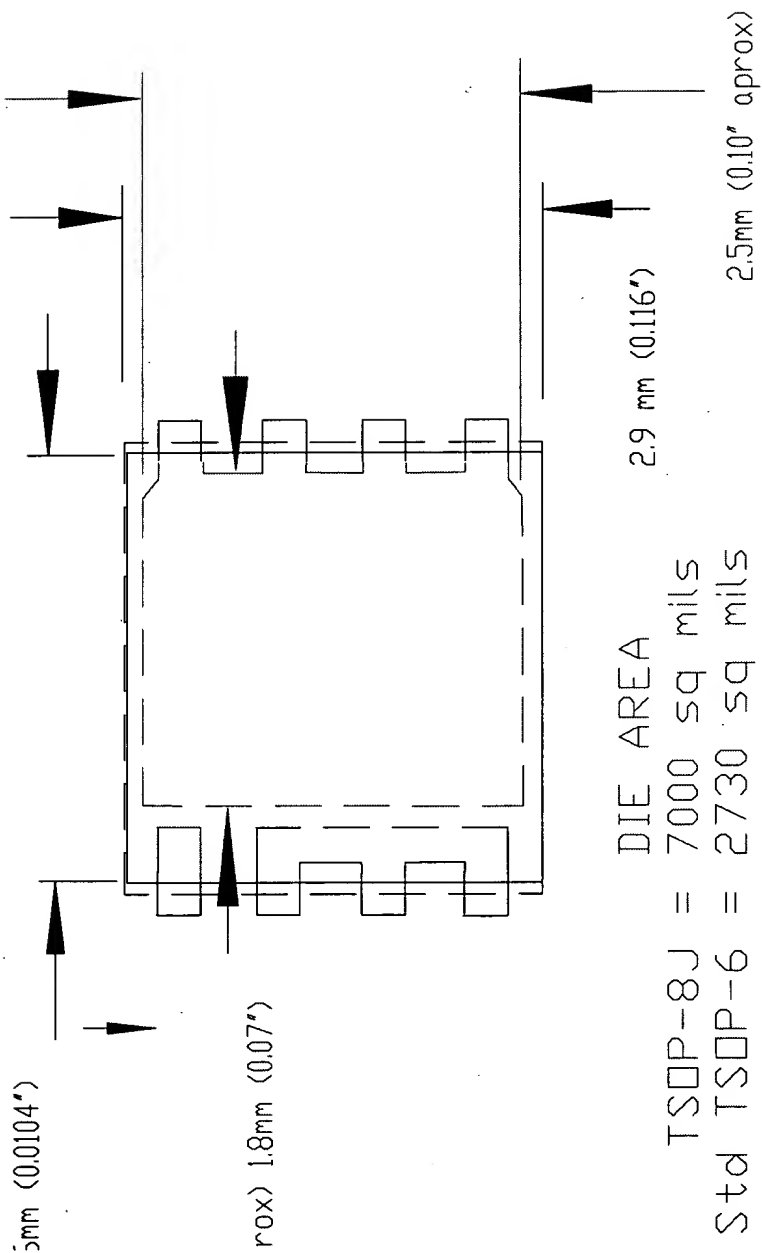
TSOP-6J - 6 PIN "J" LEAD
(JEDEC MO-193 "AA" variation)



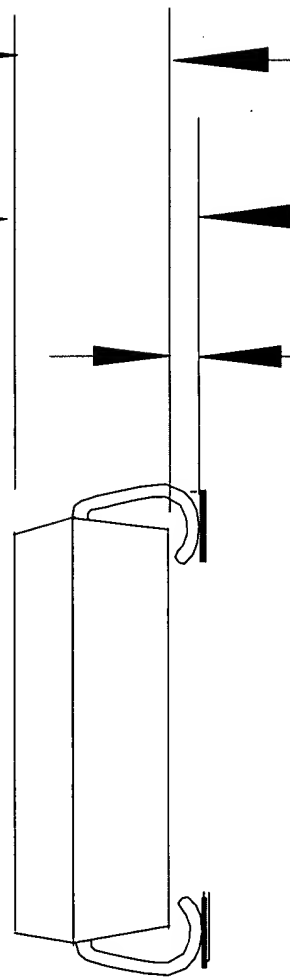
DIE AREA

TSOP-6J = 5600 sq mils
Std TSOP-6 = 2730 sq mils





1.1 mm MAX (TOTAL)
CRITICAL DIMENSION



ECN #	REV.	DATE	DESCRIPTION	ORG.	APPR.

NOTE
1. ALL DIMENSIONS ARE IN MM.
2. TOLERANCES UNLESS OTHERWISE SPECIFIED.
3. PKG. SURFACED R0.12-0.15 FOR TOP SURFACE
R0.12-0.15 FOR BOTTOM SURFACE
4. PKG. VARNISH: 0.012 MAX.
5. LEADFRAME TO PKG. OFFSET: 0.038 MAX.
6. TOP TO BOTTOM PKG. MISMATCH: 0.028 MAX.
7. NO ANY PLASTIC FLASH ALLOWED ON THE TOP
AND BOTTOM LEAD SURFACE.
8. END FLASH: 0.012 MAX.
9. END FLASH PER SIDE: 0.012 MAX.
10. END FLASH DEPTH ON LEAD TOTAL: 0.0127 MAX.
11. METAL BURR SHOULD BE 0.0254 MAX.

Top View Dimensions:
 - Overall width: 2.200 ± 0.100
 - Pin pitch: 0.500 (4 pins)
 - Pin width: 0.200 ± 0.050
 - Pin height: 1.100 MAX

Side View Dimensions:
 - Overall height: 1.695 ± 0.025
 - Lead height: 0.450 ± 0.075
 - Lead thickness: 0.127 ± 0.008
 - Lead width: 0.332 ± 0.025
 - Gauge plane: 0.25
 - Lead angle: 0-3°
 - Lead radius: R0.050 (6X)
 - Lead thickness: 0.048
 - Lead width: 0.450 ± 0.075
 - Lead height: 1.745 ± 0.025
 - Lead angle: 6X 3°

End View Dimensions:
 - Overall width: 2.150 ± 0.050
 - Pin pitch: 0.500 (4 pins)
 - Pin width: 0.200 ± 0.050
 - Pin height: 1.100 MAX

GEM Electronics (Shanghai)

DRAWN BY	X.G.ZENG	TITLE	SC-70
DATE	2000.06.05	MOD.	FORM/SING. ACCEPTANCE
APPROVED		DRAWING NUMBER	TENG-SC708J-PA
SCALE	NTS	REV	A

